

PhD Fellowship

A 3-year **PhD Fellowship** in a multidisciplinary project comprising the fields of Biophysics/Chemistry/(Bio)chemical Engineering/Material Science is available immediately in the Group of NanoBioSeparations at the Basque Center for Macromolecular Design and Engineering, POLYMAT Fundazioa (www.polymat.eu) in co-supervision with the ARNA laboratory INSERM U1212- CNRS UMR 5320 (<https://arna.cnrs.fr/>)/University of Bordeaux/European Institute of Chemistry and Biology (IECB).

Applicants must have a degree in Biophysics/Chemistry/Biochemical Engineering and ideally have previous research experience in biochemistry and biophysics of nucleic acids, in DNA-nanotechnology and/or characterization of biomolecular interactions using SPR/BLI or similar techniques.

Good command of written and spoken English is required (if preselected, a virtual meeting will be held before the final selection). The selected candidate is expected to conduct her/his research independently, proactively and creatively within the framework of a scientifically demanding European collaboration (www.funambulist.eu). The ambition to develop excellence science with high scientific rigour is indispensable. The candidate is furthermore expected to proactively participate in the dissemination of the research results.

The candidate will benefit from a straight collaboration between the Nanobioseparations Group at POLYMAT and the ARNA laboratory at IECB/University of Bordeaux with the research taking place in both locations and supported by the LTC Incubator “BioMINT” within the Euskampus initiative (www.ltcsarea.eu/en/biomint). We offer a multidisciplinary, internationally oriented working environment focusing both on fundamental research and bringing research ideas to the market. For more information, please visit www.nanobioseparations.eu and the aforementioned web-sites.

The application should be addressed to Prof. Dr.-Ing. Thomas Schäfer and sent via email in one single PDF to thomas.schafer@ehu.es indicating in the subject “PhD application”. Applications will be considered upon arrival and should be sent preferably until 31st of January 2024 but the vacancy will remain open until finding a suitable candidate. The application should include:

- (i) a cover letter highlighting their interest in the PhD fellowship
- (ii) curriculum vitae

- (iii) if applies, a concise description of previous research and how it relates to the position (1-2 pages)
- (iv) if applies, the names and contact (e-mail) of one/two academic referees

POLYMAT has obtained the 'HR Excellence in Research award'. The award reflects our commitment to continuously improve our human resource policies in line with the European Charter for Researchers, the Code of Conduct for the Recruitment of Researchers and our commitment to achieve fair and transparent recruitment and appraisal procedures.